
CHAPTER 1

Programmable Logic Controllers (PLCs): An Overview

TEST 1.1

Choose the letter that best completes the statement.

Answer

1. PLCs were originally designed as replacements for:

1. **b**

- a) microcomputers.
- b) relay control panels.
- c) analog controllers.
- d) digital controllers.

2. Basically, the function of a PLC is to:

2. **d**

- a) amplify various weak signal sources.
- b) control a high voltage output with a low voltage input.
- c) control the speed of motors.
- d) make logical decisions and control outputs based on them.

3. Modifying relay-type process control circuits usually involves changing the:

3. **a**

- a) circuit wiring.
- b) input circuit modules.
- c) output circuit modules.
- d) circuit operating voltage levels.

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Lingjun Ying



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